

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	("20020075920" "20040161006" "65 60259" "6621842" "6849866").PN.	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2007/04/09 17:03
L2	54	((quantum near3 cascade) with laser) same unipolar and (N with (As or P or SB))	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2007/04/09 17:16
L3	3	((quantum near3 cascade) with laser) same unipolar and (GaInNAs or GaInAsN or InGaAsN or InGaNAs)	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2007/04/09 17:22
L4	14	((quantum near3 cascade) with laser) and (GaInNAs or GaInAsN or InGaAsN or InGaNAs)	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2007/04/09 17:32
L5	6	((quantum near3 cascade) with laser) same unipolar and (nitrogen concentration)	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2007/04/09 17:33
L6	0	((quantum near3 cascade) with laser) same unipolar and (nitrogen with concentration)	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2007/04/09 17:33
L7	14	((quantum near3 cascade) with laser) and (nitrogen with concentration)	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2007/04/09 17:35
L8	24	((quantum near3 cascade) with laser) and (n near3 concentration)	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2007/04/09 17:35
S1	1	("20040161009").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/04/09 17:03
S2	3	(("20040161006") or ("20020075920") or ("6621842")).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/01/08 12:27
S3	0	S2 unipolar	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2007/01/08 12:31

## EAST Search History

S4	96	((quantum near3 cascade) with laser) same unipolar	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2007/04/09 17:14
S5	2	S2 quantum cascade	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2007/01/08 12:32
S6	2	S2 quantum near3 cascade	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2007/01/08 12:32